

	Type	Hi ts	Search Text	DBs	Time Stamp	Com ments	Error ors
54	BRS	1	capacitor with series with trench and (photo\$5 or sensor) and pixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:43		0
55	BRS	156	pixel adj cell with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/15 12:44		0
56	BRS	5	pixel adj cell with capacitor with (series or serial\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:45		0
57	BRS	14	pixel adj cell near capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/15 13:35		0
58	BRS	658	photogate	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/15 13:36		0
59	BRS	164	photogate same floating adj diffusion	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/15 13:36		0
60	BRS	1	photogate same floating adj diffusion and float\$4 adj diffusion near capacitor	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:44		0
61	BRS	1	photogate and float\$4 adj diffusion near capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:44		0
62	BRS	14	photodiode and float\$4 adj diffusion near capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:44		0

	Type	Hi ts	Search Text	DBs	Time Stamp	Com m e n t s	Cor r o r	E r r o r
1	BRS	56	pixel and collect\$4 with \$5sensor and capacitor with seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:14		0	
2	BRS	4	pixel and collect\$4 with \$5sensor and capacitor with seri\$5 with collect\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 19:32		0	
3	BRS	5	pixel near cell and collect\$4 with \$5sensor and capacitor with	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 19:34		0	
4	BRS	0	pixel\$5 and collect\$4 with \$5sensor and capacitor with seri\$5 and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:32		0	
5	BRS	3	pixel and collect\$4 with \$5sensor and (float\$4 near diffusion or FD) and seri\$5 and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:37		0	
6	BRS	3	pixel and collect\$4 with capacitor with \$5sensor and (float\$4 near diffusion or FD) and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:41		0	

	Type	Hi ts	Search Text	DBs	Time Stamp	Com ments	Cor ror
7	BRS	11	pixel and collect\$4 with capacitor with \$5sensor and (float\$4 near diffusion or FD)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:41		0
8	BRS	407	pixel and collect\$4 with \$5sensor and capacitor and seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:02		0
9	BRS	40	pixel and collect\$4 with \$5sensor with capacitor and seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:06		0
10	BRS	20	pixel and collect\$4 with \$5sensor with capacitor and seri\$5 and float\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:03		0
11	BRS	10	pixel and collect\$4 with \$5sensor with capacitor and seri\$5 and float\$4 near diffusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:04		0
12	BRS	10	pixel and collect\$4 with \$5sensor with capacitor and seri\$5 and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:04		0

	Type	Hi ts	Search Text	DBs	Time Stamp	Conn ection	Error ors
13	BRS	3	pixel and collect\$4 with \$5sensor with capacitor and capacitor with trench and seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:07		0
14	BRS	4	pixel and collect\$4 with \$5sensor with capacitor and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:07		0
15	BRS	5	pixel and collect\$4 with \$5sensor and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:13		0
16	BRS	2	photogate and collect\$4 with \$5sensor and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:15		0

	Type	Hi ts	Search Text	DBs	Time Stamp				
17	BRS	7	photogate and collect\$4 and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:20				0
18	BRS	7	photogate and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:20				0
19	BRS	33	photogate or photodiode) and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:21				0
20	BRS	20	(photogate or photodiode) and collect\$5 and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:43				0

	Type	Hi ts	Search Text	DBs	Time Stamp	Er r or	C o m m e n t s	E r r or
21	BRS	23	(photogate or photodiode) and capacitor with (coupl\$4 or connect\$4) with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:44	0		
22	BRS	24	(photogate or photodiode or photo adj gate or photo adj diode) and capacitor with (coupl\$4 or connect\$4) with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:51	0		

			Type e	Hi ts	Search Text	DBs	Time Stamp	Com men ts	Cor re ct ion	Error Cor re ct ion
23	BRS	29			(photo\$7 or photo adj sensor or photo adj gate or photo adj diode) and capacitor with (coupl\$4 or connect\$4) with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 14:34		0	
24	BRS	51			capacitor with (coupl\$4 or connect\$4) with seri\$5 and source near follower and row near	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 14:36		0	
25	BRS	9			select capacitor with (coupl\$4 or connect\$4) with seri\$5 and source near follower and row near select and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 22:11		0	

	Type	Hi ts	Search Text	DBs	Time Stamp	Com ments	Error or rors
26	BRS	24	pixel and capacitor with (coupl\$4 or connect\$4) with seri\$5 and source near follower and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 17:58		0
27	BRS	10	5464984.URPN.	USPAT	2004/03/11 23:24		0
28	BRS	8	pixel and capacitor with (coupl\$4 or connect\$4) with seri\$5 and source adj follower and row adj select and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 23:28		0
29	BRS	10	5464984.URPN.	USPAT	2004/03/12 17:11		0
30	BRS	4	5464984.URPN. and capacitor	USPAT	2004/03/12 17:09		0
31	BRS	4	5464984.URPN. and capacitor and pixel	USPAT	2004/03/12 17:09		0
32	BRS	1	5464984.URPN. and capacitor with pixel	USPAT	2004/03/12 17:09		0

			Type e	Hi ts	Search Text	DBs	Time Stamp	Com men ts	Cor re ctio n	Der ro rs	
33	BRS	16			("4322752" "4330796" "4543534" "4558365" "4689487" "4765681" "4810881" "4980769" "5043582" "5105087" "5194736" "5220170" "5245191" "5274476" "5369281" "5381013").PN.	USPAT	2004/03/12 17:11			0	
34	BRS	6			pixel near cell with capacitor with (coupl\$4 or connect\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 17:22		0		
35	BRS	86			pixels and\$5 capacitor with (coupl\$4 or connect\$4) and source near follower and (float\$4 near diffusion or fd) and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:00		0		

			Type e	Hi ts	Search Text	DBs	Time Stamp	Err or Cor re c t o n m e n t s	Err or Cor re c t o n m e n t s
36	BRS	77			pixel near cell and capacitor with (coupl\$4 or connect\$4) and source near follower and (float\$4 near diffusion or fd) and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj se	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:01		0
37	BRS	59			pixel near cell and storage near capacitor with (coupl\$4 or connect\$4) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj se	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:06		0

	Type	Hi ts	Search Text	DBs	Time Stamp	Com ments	Error or rors
38	BRS	3	pixel near cell and storage near capacitor with (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:11		0
39	BRS	0	pixel near cell and storage near capacitor near (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:12		0

	Type	Hi ts	Search Text	DBs	Time Stamp	Com muni cation	Error or rors
40	BRS	0	pixel and capacitor near (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:12		0
41	BRS	2	pixel and capacitor near3 (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj se	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:28		0

			Type Hi ts	Search Text	DBs	Time Stamp	Err or Cor re ct com me n t s e n t i n t i o n s
42	BRS	0		pixel and capacitor near (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:28	0
43	BRS	9		pixel and capacit\$4 near (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:52	0
44	BRS	11		pixel and capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:15	0

	Type	Hi ts	Search Text	DBs	Time Stamp	Com ments	Cor ror
45	BRS	11	capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:16		0
46	BRS	31	capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:32		0
47	BRS	5	stor\$4 with capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:36		0

	Type	Hi ts	Search Text	DBs	Time Stamp	Com m e n t s	Error or ror
48	BRS	6	stor\$4 with capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and (photosensor or photodiode or photo adj diode or photo adj sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:37		0
49	BRS	380	capacitor with seri\$5 and trench with capacitor and plate with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:24		0
50	BRS	81	capacitor with seri\$5 with trench and plate with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:16		0
51	BRS	27	stor\$4 with capacitor with seri\$5 with trench and plate with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:17		0
52	BRS	30	stor\$4 with capacitor with seri\$5 with trench and (plate or stud or stack\$3) with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:18		0
53	BRS	16	capacitor with series with trench and (photo\$5 or sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:38		0